



#10/B-Pre
Hawkins
"PATENT APPLICATION" 4/10/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

THOMAS HAHN ET AL

U.S. Serial No. 09/581,565

Group Art Unit 2834

Filed: June 15, 2000

M. Budd, Examiner

PIEZOELECTRIC TRANSMITTER

Alexandria, Virginia
April 2, 2002

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

A M E N D M E N T

Dear Sir:

In response to the official action mailed October 2, 2002, please amend the captioned application as follows:

✓ IN THE CLAIMS:

✓ Cancel claims 1-4 and 7-12 without prejudice.

Add new claims 13-22 as follows:

B¹

-- 13. (New) A piezoelectric ultrasound transmitter comprising a substrate made of a piezoelectric material provided with a first electrode on a first surface and a second electrode on a second surface opposite said first surface, said first electrode and said second electrode forming a capacitor, said first surface having an electrode-free rim surface on which is disposed a component having temperature-dependent behavior and a low impedance in